

JVC SOFTWARE INSTALLATION AND USB CONNECTION GUIDE

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Victor Company of Japan, Limited

NOTE:

If You acquired the Program in Germany, the provisions of Sections 4 (Limited Warranty) and 5 (Limited Liability) provided above will be replaced with those of the German version of this Agreement.

CAUTION:

- Operate this equipment according to the operating procedures described in this manual.
- Use only the provided CD-ROM. Never use any other CD-ROM to run this software.
- Do not attempt to modify this software.
- Changes or modifications not approved by JVC could void user's authority to operate the equipment.

How to handle a CD-ROM

- Take care not to soil or scratch the mirror surface (opposite to the printed surface). Do not write anything or put a sticker on either the front or back surface. If the CD-ROM gets dirty, gently wipe it with a soft cloth outward from the center hole.
- Do not use conventional disc cleaners or cleaning spray.
- Do not bend the CD-ROM or touch its mirror surface.
- Do not store your CD-ROM in a dusty, hot or humid environment. Keep it away from direct sunlight.

You can find the latest information (in English) on the provided software program at our world wide web server at <http://www.jvc-victor.co.jp/english/global-e.html>

Notice for Users

Use of this software is authorized according to the terms of the software license.

JVC

When contacting the nearest JVC office or agency in your country about this software (refer to the JVC Worldwide Service Network at <http://www.jvc-victor.co.jp/english/worldmap/index-e.html>), please fill out the following and have the appropriate information ready.

Product Name		
Model		
Problem		
Error Message		
PC	Manufacturer	
	Model	<input type="checkbox"/> Desktop <input type="checkbox"/> Laptop
	CPU	
	OS	
	Memory	MB
	Available Hard Disk Space	MB

Please note that it may take some time to respond to your questions, depending on their subject matter.

JVC cannot answer questions regarding basic operation of your PC, or questions regarding specifications or performance of the OS, other applications or drivers.

CyberLink

For details of CyberLink's technical support service, refer to the "Readme" of each software. To access "Readme", refer to "User's Guide/Help/Readme" (☞ pg. 15).

System Requirements

■ Windows®

The following requirements must be satisfied to connect a camera to a PC and to use Digital Photo Navigator.

OS	: Windows® Millennium Edition [Me] (pre-installed), Windows® 2000 Professional [2000] (pre-installed), Windows® XP Home Edition [XP] (pre-installed), or Windows® XP Professional [XP] (pre-installed)
CPU	: Intel® MMX™ Pentium®, at least 200 MHz
RAM	: At least 64 MB
Free hard disk space	: At least 40 MB for installation, at least 500 MB recommended
Connector	: USB 1.1/2.0 connector
Display	: Must be capable of displaying 800 x 600 dots with 16-bit color
Miscellaneous	: Internet Explorer 5.5 or later

CyberLink DVD Solution

In addition to the requirements above, the following requirements must be satisfied to use CyberLink DVD Solution.

OS	: Windows® Millennium Edition [Me] (pre-installed), Windows® 2000 Professional [2000] (pre-installed), Windows® XP Home Edition [XP] (pre-installed), or Windows® XP Professional [XP] (pre-installed)
CPU	: Intel® Pentium® III, at least 700 MHz (Intel® Pentium® 4, at least 2 GHz recommended)
RAM	: At least 128 MB (at least 256 MB recommended)
Free hard disk space	: At least 350 MB for installation For creating DVD Video, at least 10 GB recommended For creating VCD, at least 1 GB recommended
Connector	: USB1.1/2.0 connector
Display	: Must be capable of displaying 1024 x 600 dots
Miscellaneous	: Internet Explorer 5.5 or later DirectX 9.0 or later
Supported media	: DVD-Video: DVD-R/-RW, DVD+R/+RW DVD-VR: DVD-RW, DVD+RW, DVD-RAM VideoCD: CD-R/RW For more details, refer to CyberLink web site: http://www.gocyberlink.com

- The system requirements information above is not a guarantee that the provided software will work on all personal computers meeting those requirements.
- Windows® is either registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- Other product and company names included in this instruction manual are trademarks and/or registered trademarks of their respective holders.
- For more details, refer to CyberLink web site: http://www.gocyberlink.com/english/products/powerproducer/2_gold/comp_dvd_drives.jsp

Software Installation

Follow the procedure described below to install the software. From the [SETUP] screen in step **2**, you can install the following drivers or software. Quit any other software you are using. (Check that there are no other application icons on the status bar.)

Digital Photo Navigator 1.0

This application is used to organize still images and convert them into a variety of formats.

CyberLink DVD Solution

PowerProducer2Gold NE

PowerProducer2Gold NE is software for creating movie discs incorporating not only video but also slideshows. This software uses a simple wizard format for creating a wide range of different format discs. You can also edit imported video.

You can import video from the camera, edit it, and then create a slideshow from still images. You can create a customized menu for the video or slideshow and write the contents to DVD or other media.

PowerDirectorExpress NE

PowerDirectorExpress NE is software for easily editing MPEG, AVI, and other video files, still images, and other contents for creating a movie. This software has an interface that allows editing in either timeline or storyboard mode, maintains superior image quality, uses SVRT for high-speed rendering, and has a host of other advanced video editing features.

PowerDVD 5 NE

PowerDVD 5 NE is software for playing back DVD-Video and video files.

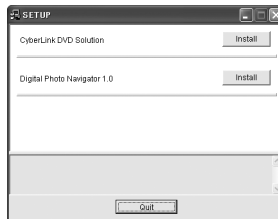
1 Load the provided CD-ROM into the PC.

After a moment, the [SETUP] screen appears.

- From the [SETUP] screen, you can install the desired driver or software.
- If the [SETUP] screen does not appear, double-click the CD-ROM icon in the [My Computer] window.

2 Click [Install] on the right side of the desired software and follow the on screen instructions to complete the installation.

The installation of the selected driver or software starts. The procedure differs depending on the driver or the software.



Following steps are the example of CyberLink DVD Solution.

3 Click [Install] on the right side of [CyberLink DVD Solution] on the [SETUP] screen.

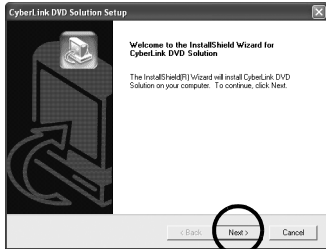
[Choose Setup Language] screen appears.

4 Select the desired language and click [OK].



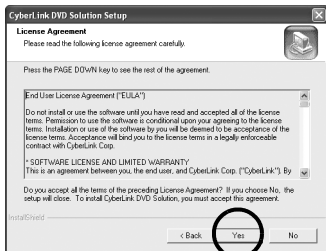
The [CyberLink DVD Solution Setup] screen in step 5 appears.

5 Click [Next].



[License Agreement] screen appears.

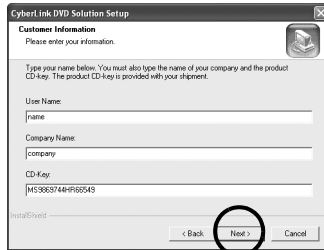
6 Click [Yes].



[Customer Information] screen appears.

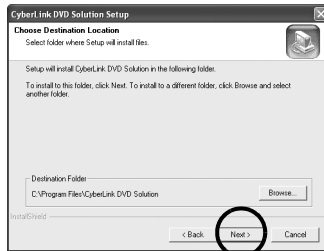
7 Confirm your information and click [Next].

• It is possible to change the information.



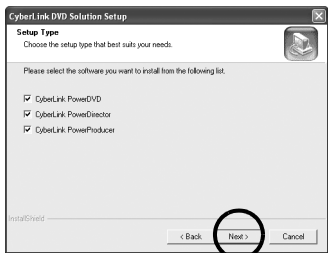
[Choose Destination Location] screen appears.

8 Click [Next].



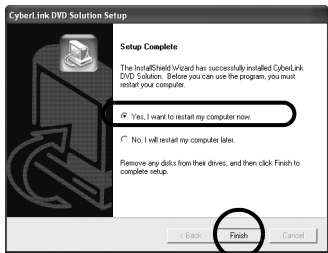
[Setup Type] screen appears.

9 Select the program(s) you want to install, then click [Next].



[Setup Status] screen appears. Wait for a moment until the installation is finished. When the installation is finished, [Readme] appears. Confirm the contents and click the close button on the upper right of the window to close it. Then [Setup Complete] screen appears.

10 Click [Finish].



The PC restarts.

Install all of the desired software in the same way.
To display [SETUP] screen, double-click the CD-ROM icon in the [My Computer] window.

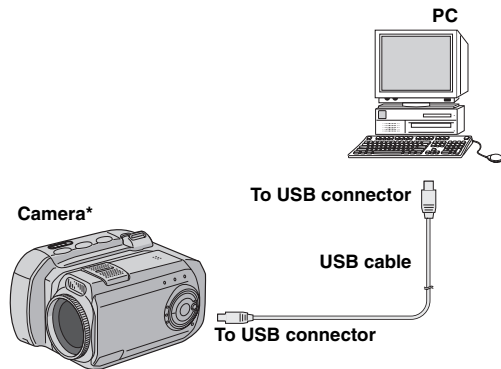
NOTES:

- The software instruction manual is included on the CD-ROM in PDF format. Note that Adobe® Acrobat® Reader™ or Adobe® Reader® must be installed to read PDF files.
Digital Photo Navigator:
Double-click the [Docs] folder, then the [PhotoNavi] folder. Open "start.pdf" and select the desired language.
CyberLink DVD Solution:
Double-click the [Docs] folder, then the [CyberLink] folder. Open "start.pdf" and select the desired language. A brief procedure is presented for using CyberLink DVD Solution to edit video files that were shot with the camera and create a DVD-Video, transfer the edited videos to the camera, and then play back the videos in the camera.
- Adobe® Reader® can be loaded from Adobe's web site: <http://www.adobe.com/>
- If you perform installation of a software that is already installed, uninstallation will start. In this case, perform the installation again after uninstallation is finished.
- DirectX is necessary so that CyberLink DVD Solution works properly.

Connections

Connecting the USB cable

Connect the USB cable to copy still image, video files and voice files in a recording medium to the PC.



* The camera illustration appearing above is of the GZ-MC200.

1 To assure safety, make sure all units are turned off before making any connections.

2 Use the USB cable to connect the camera to the PC.

NOTES:

- It is recommended to use the AC Adapter as the power supply instead of the battery pack.
- When the USB cable is connected, turning on or off the camera causes malfunctions of the PC.
- If you connect the camera to the PC through a USB hub, compatibility issues between the hub and the PC may result in instability in the operation of the PC. If this happens, connect the camera directly to the PC, not through the hub.
- Do not use an extension USB cable.

Viewing the Contents of a Recording Medium

1 Make sure that there is a recording medium in the camera.

2 Set the camera's power switch to the playback mode while pressing down the lock button located on the switch.
The camera turns on.

3 Select the playback mode (video mode, still image mode or voice mode).

4 Select the slot in which the recording medium is inserted.

5 Connect the camera to the PC with a USB cable. (→ pg. 10)

On the camera's LCD monitor [USB MODE] appears.

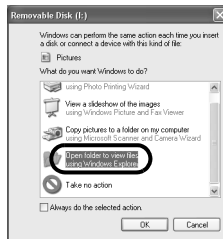
6 When using Windows® XP:

The [Removable Disk] window appears on the PC's screen after a moment.

Select [Open folders to view files using Windows Explorer] and click [OK].

NOTE:

If the [Removable Disk] window does not appear, confirm the connection (→ pg. 10) or perform the steps ① and ② (→ pg. 11).



When using Windows® Me/2000:

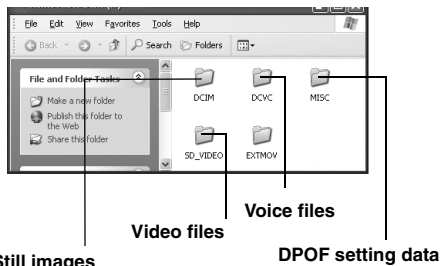
1 Double-click the [My Computer] icon on the desktop. The [Removable Disk] icon which represents the recording medium in the camera appears in the [My Computer] window.



2 Double-click the [Removable Disk] icon.

7 The folders in the recording medium appear.

Different file types are stored in different folders.



[DCIM]: Contains folders with still images (extension “.jpg”)

[DCVC]: Contains folders with voice files (extension “.wav”)

[SD_VIDEO]: Contains folders with video files (extension “.mod”)

[MISC]: Contains folders with DPOF setting data

NOTES:

- Saving the wrong kinds of files in a recording medium or deleting files or folders from a recording medium can cause problems with the operation of the camera. When it is necessary to delete a file from a recording medium, delete it through the camera.
- Never disconnect the USB cable while the message [ACCESSING FILES] is displayed on the camera's LCD monitor.
- If you are using a brand new recording medium, you need to format the recording medium with the camera first. You may not be able to copy files from the recording medium to the PC without doing so.
- The file extension may not appear depending on the setting.

Copying Files to the PC

Still image, video files and voice files that are stored in a recording medium can be copied to the PC and played back on the PC.

1 Perform the procedure in “Viewing the Contents of a Recording Medium” (pg. 10).

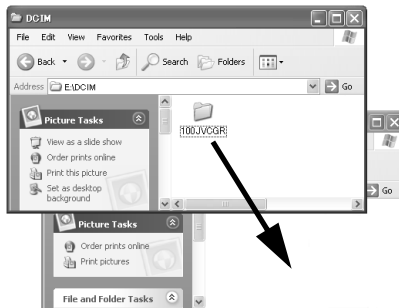
The folders in the recording medium appear.

2 Create a new folder, enter the folder name, and then double-click it.

For example, create a new folder in the [My Pictures] folder.



3 Select the folder to be copied, and then drag and drop that folder in the destination folder.



To copy still images: Copy the folder within the [DCIM] folder.
To copy video files: Copy the folder within the [SD_VIDEO] folder.

To copy voice files: Copy the folder within the [DCVC] folder.

- The message [ACCESSING FILES] appears on the LCD monitor of the camera, and the folder is copied from the recording medium to the PC.

NOTE:

Never disconnect the USB cable while the message [ACCESSING FILES] is displayed on the camera's LCD monitor.

Playing Back Files on the PC

Still images

Use an application that can handle the JPEG file format. To view a still image, double-click the still image file (extension “.jpg”).

Video files

Use the PowerDVD 5 NE. You can install this software from the provided CD-ROM. For more details of PowerDVD 5 NE, refer to the software instruction manual in the CD-ROM. (pg. 15)

Voice files

Use the Windows Media™ Player (version 6.4 or later). You can download the Windows Media™ Player from the Microsoft web site at:
<http://www.microsoft.com/>

Disconnecting the USB cable

Before loading or unloading recording mediums or turning off the PC, first disconnect the USB cable and turn off the camera.

1 Confirm that the message [ACCESSING FILES] is not currently displayed on the LCD monitor of the camera.

- If the message [ACCESSING FILES] is currently displayed, wait until it disappears before proceeding.

2 Double-click the [Safely Remove Hardware] or [Unplug or Eject Hardware] icon in the status bar.

The [Safely Remove Hardware] or [Unplug or Eject Hardware] dialog box appears.

Windows® XP: If not, wait a while then go to step 5.

3 Select [USB Mass Storage Device] or [USB Disk], and then click [Stop].

- **Windows® 2000/XP**



- Windows® Me



The [Stop a Hardware device] dialog box appears.

4 Click [OK].

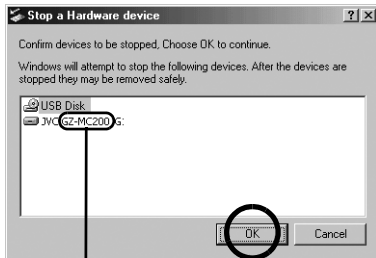
Windows® 2000/Me: If a message indicating that the device can be safely removed appears, click [OK] and then click [Close].

- Windows® 2000/XP



* The model name depends on the connected camera.

- Windows® Me



* The model name depends on the connected camera.

5 Disconnect the USB cable.

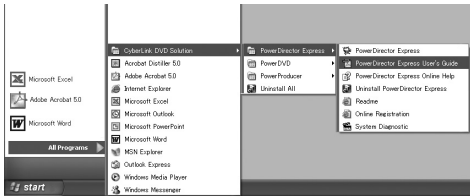
6 Set the camera's power switch to off.
The camera turns off.

User's Guide/Help/Readme

This manual only refers to software installation and PC connection. For more details of each software, refer to its user's guide/help/Readme.

Following steps are the example of CyberLink PowerDirectorExpress NE.

1 Click [Start], go to [All Programs] – [CyberLink PowerDirectorExpress], and then click User's Guide/Help/Readme depending on your preference.



INFORMATION

The programs in CyberLink DVD Solution are versions with limited functionality. The User's Guide and Help files are written for the commercial version available in stores. For information about the differences with the commercial version, see the Readme file for the respective program.

A blank sheet of lined paper with 20 horizontal lines.